

Title (en)
RESIDUAL ECHO ESTIMATION FOR ECHO CANCELLATION

Title (de)
RESTECHOSCHÄTZER ZUR ECHO UNTERDRÜCKUNG

Title (fr)
ESTIMATION D'ECHO RESIDUEL POUR SUPPRESSION D'ECHO

Publication
EP 1317845 A2 20030611 (EN)

Application
EP 01971021 A 20010914

Priority
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• US 66374800 A 20000915

Abstract (en)
[origin: WO0223755A2] Real and imaginary components of the discrete Fourier transform (DTF) of the residual echo in an acoustic echo cancellation system are separately estimated using mapping functions derived without an assumption of statistical independence between separate components of a near-end microphone input signal. The residual echo estimator calculates the real and imaginary components using an approximation of the microphone input signal without the echo. A different approximation is used depending on whether the near-end talker and/or the far-end talker are talking.

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Citation (search report)
See references of WO 0223755A2

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